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COUNTY BOROUGH OF DEWSBURY

ANNUAL REPORT

OF THE

PUBLIC HEALTH SERVICE

FOR THE YEAR

1944

BY

The Medical Officer of Health



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HEALTH COMMITTEE.

Chairman—Alderman J. HALSTEAD, J.P.

Vice-Chairman—Alderman J. R. DYSON.

The Mayor (Alderman T. LEE, J.P.)	Councillor C. FRYER
Alderman A. SUGDEN, J.P.	Councillor Mrs. I. HINCHLIFFE,
Alderman H. SHAW, J.P.	M.B.E., J.P.
Councillor C. DRANSFIELD	Councillor M. SCARGILL

MATERNITY AND CHILD WELFARE COMMITTEE—

The Health Committee with Mesdames F. W. CRAVEN, J. FLOWERS, H. J. HOLDEN and S. A. WOOD.

DAY NURSERIES MANAGEMENT SUB-COMMITTEE.

Alderman J. HALSTEAD, J.P.	Councillor M. SCARGILL
Alderman H. SHAW	Mrs. E. CULLINGWORTH
Councillor Mrs. I. HINCHLIFFE	Miss H. M. LEE
M.B.E., J.P.	Mrs. LIVERSIDGE

MENTAL DEFICIENCY COMMITTEE.

The Health Committee with Mesdames F. W. CRAVEN, J. FLOWERS, H. J. HOLDEN and S. A. WOOD.

HOUSING AND TOWN PLANNING COMMITTEE.

Chairman—The Mayor (Alderman T. LEE, J.P.)

Vice-Chairman—Alderman F. K. B. PARKER, J.P.

Councillor J. E. CHADWICK	Councillor R. MYERS
Councillor Mrs. I. HINCHLIFFE, M.B.E., J.P.	Councillor C. NOWELL
	Councillor H. F. SHAW
Councillor J. R. KERSHAW	Councillor T. WALKER

JOINT COMMITTEES.

DEWSBURY JOINT HOSPITAL BOARD—

(Dewsbury Representatives)

Chairman—Councillor Mrs. I. HINCHLIFFE, M.B.E., J.P.

Vice-Chairman—Alderman A. SUGDEN, J.P.

The Mayor (Alderman T. LEE, J.P.)	Alderman H. SHAW, J.P.
Alderman J. HALSTEAD, J.P.	Alderman F. W. TONG
Alderman K. OLDROYD, J.P.	Councillor C. FRYER
Alderman F. K. B. PARKER, J.P.	Councillor H. F. SHAW

SOUTH-WEST YORKSHIRE JOINT BOARD FOR THE MENTALLY DEFECTIVE—

(Dewsbury Representatives)

Alderman J. HALSTEAD, J.P.	Councillor C. FRYER
Councillor M. SCARGILL (co-opted)	

STAFF OF THE HEALTH DEPARTMENT, 1944.

Medical Officer of Health—

CARRICK G. PAYTON, M.D., Ch.B. D.P.H.

Deputy Medical Officer of Health—

E. H. TOMLIN, M.D., Ch.B., D.P.H. (on Military Service).

G. KATZ, M.D. (Prague), Temporary (until 31.7.44)

Assistant Medical Officers of Health—

G. H. WHALLEY, M.B., B.S., D.P.H. (on Military Service).

F. ROTHENBERG, M.D., (Breslau), Temporary (until 17.3.44)

MARY DOREEN FOX, M.B., Ch.B.

CHRISTINA AUSTIN, M.B., Ch.B., Temporary (19.6.44 to 31.10.44)

Orthopaedic Surgeon—

*A. B. PAIN, Ch.M., F.R.C.S.

Ophthalmic Surgeon—

*W. OLIVER LODGE, F.R.C.S. (Ed.), D.O.M.S.

Consulting Obstetrician—

*D. CURRIE, M.D., F.R.C.S., M.R.C.O.G.

Dental Surgeons—

A. McCULLY, L.D.S. (on Military Service).

B. ROLL, M.D. (Vienna), Temporary.

H. RAWNSLEY (from 21.4.44)

Chief Sanitary Inspector—

H. HAWORTH, M.S.I.A., Cert. S.I.J.B., Cert. Meat Ins., Cert. Sanitary Science.

Deputy Chief Sanitary Inspector—

F. T. HARRISON, M.S.I.A., Cert. S.I.J.B., Cert. Meat Insp.

District Sanitary Inspectors—

N. HAWKINS, M.S.I.A., Cert. S.I.J.B., Cert. Meat Insp.

F. BURGIN, M.S.I.A., Cert. S.I.J.B. (on Military Service).

Whitley Sanatorium—

Matron—E. LYONS, S.R.N., S.C.M. (Retired 30.11.44)

M. DIXON, S.R.N., Tuberculosis Certificate (Appointed 1.12.44)

Moorlands Maternity Home.

Matron—C. BARRY, S.R.N., S.C.M.

Health Visitors—

M. MAHON, S.R.N., S.C.M., Health Visitor's Cert.
 K. MAHON, S.R.N., S.C.M., Health Visitor's Cert.
 I. GARTON, S.C.M., Health Visitor's Cert.
 L. ILLINGWORTH, S.R.N., S.C.M., Temporary (until 31.8.44)
 A. E. WRIGHT, S.R.N., S.C.M., Health Visitor's Cert. (from 1.9.44)

Tuberculosis Visitor—

M. TODHUNTER, S.R.N., S.C.M.

Municipal Midwives—

N. CROFT, S.R.N., S.C.M.
 M. HAMMERTON, S.C.M.
 M. E. LANCASTER, S.C.M.
 E. H. SPENCER, S.C.M.

Borough Analyst—

*F. W. RICHARDSON, F.I.C.

Chief Clerk and Vaccination Officer—

E. AUTY, C.R.S.I.

Clerical Staff—

G. AUTY (on Military Service).
 L. WHITELEY (on Military Service).
 S. BURNS (until 23.10.44)
 D. NODDINGS.
 B. SUTTON (on Military Service).
 G. MILNES.
 P. H. COX (on Military Service)
 J. GARFORTH (on Military Service).
 E. SMALLWOOD.
 M. PARKER
 E. ARCHER (from 15.5.44)
 W. E. LLOYD (from 2.10.44)
 R. POLLARD (from 6.3.44)

*Part-time.

ANNUAL REPORT, 1944.

In accordance with the Minister of Health's instructions, an abridged Report is presented. (-Ministry of Health Circulars Nos. 10/44 ; 49/5 ; 2831 and Memo. 230/Med.).

The second half of the year was the most difficult period so far in war-time for Medical man-power. The absence of a Deputy Medical Officer of Health during this period made it necessary to use the Assistant usually concerned with the School Medical Services for work at the Infectious Diseases Hospital and the Sanatorium. Unfortunately this temporary Assistant was only available until the end of October, thereafter and during a busy part of the year the full force of the work fell to the writer, who wishes to thank his colleague in General Practice, Dr. Hammerton, for standing-in on several occasions so that some relief from duty could be obtained after a very busy summer.

Laboratory work came to a standstill in the latter half of the year owing to absence of staff. Thanks are due to the West Riding County Council for undertaking this work—mostly Diphtheria Swabs and Sputa for Tubercle Bacillus.

The reception of Evacuees in the later summer strained all Medical and Nursing resources to the utmost. Many hours of extra duty were put in at a time when the service usually expects to relax, and the usual holiday arrangements of staff were postponed at short notice. It is pleasing to note that no complaint reached me concerning lack of Medical or Nursing advice available to Officers concerned with this evacuation, and expressions of thanks from several sources have been much appreciated.

The administration of the Civil Defence First Aid Posts and Ambulance Services have occupied a large amount of time. The relaxation of night duty in the middle of the year was a welcome help, and the reduction in the number of whole-time paid personnel towards the end of the year, a sure indication that the War was nearly over, although an enemy attack with Flying Bombs on Christmas Eve was very frightening.

In August the Minister of Health requested my Council to run an Ante-Natal Hostel at "Ravensleigh," Oxford Road, for expectant mothers evacuated from London to the North Eastern Region. While I had doubts about the advisability of this undertaking, owing to lack of Medical Staff, the Maternity and Child Welfare Committee indicated their desire that it should be done if at all possible. Fortunately, the close proximity of "Ravensleigh" to the Moorlands Maternity Home made it possible to place the Ante-Natal Hostel under the supervision of the Assistant Medical Officer (Dr. Doreen Fox) resident at the Home, and the Matron. Nurse Illingworth, a midwife attached to the Moorlands Maternity Home, was appointed Temporary Matron of the Hostel, and her enthusiasm and hard work enabled this Hostel to receive its first patients on the 22nd September, 1944. From this date to the end of the year the Hostel was full and I wish to express thanks to these three ladies who have neither spared time nor energy to ensure its success.

The Maternity Home has been mostly full to capacity throughout the year. A new agreement with the Consulting Obstetrician whereby definite fees are paid for both his regular weekly visit and other visits when required is a great improvement.

The four Day Nurseries have become firmly established as a war-time necessity. Certain difficulties owing to lack of staff eased as the year progressed. Generally they have been well occupied and appreciated by the working mothers—a criterion which must bear much weight when consideration is given to their continuation after the war.

The Sanatorium has not been filled to capacity owing to lack of nursing staff—a most serious state of affairs. After nearly 20 years' service Matron Lyons retired at the end of November, and has been succeeded by Matron Dixon.

Generally the health of the citizens has been good, and a depleted Medical Staff has not been strained on account of infectious diseases.

The newspapers have noted with pleasure that the birth rate is so much higher: but this is nothing new, and tends to miss the important point: that the rate of infant mortality is the lowest on record. A place where infants decide to go on living must be a good one for humanity in general, and in the past far too little attention has been paid to this matter. Infant mortality is highest in proportion to industrialisation and is a sure indicator of the health of a district.

Adoption of the Rushcliffe Committee's Report, on Conditions of Service, and Salary of Nurses is recorded, and will do much to improve the Nursing Service generally.

I wish to record the work done by the clerical staff, under the Chief Clerk, throughout the year, in dealing with the ever-growing snowball of records and returns. This report is, necessarily, but a meagre and incomplete record of their work.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	6,720
Estimated civilian population	46,910
Number of Inhabited Houses (end of 1944)	16,830
Rateable Value	£331,553
Product of a penny rate	£1,255

Number of Live Births :-

	Male.	Female.	Total.
Legitimate	445	440	885
Illegitimate	53	41	94
Total	498	481	979

Number of Still Births :—

Legitimate	14	11	25
Illegitimate	2	6	8
Total	16	17	33

Total Number of Births, Live and Still :-

Legitimate	459	451	910
Illegitimate	55	47	102
Total	514	498	1012

Deaths 324 338 662

Deaths from :—

Puerperal Sepsis	1
Other puerperal causes	1
All puerperal causes	2
Typhoid and Para-typhoid Fevers	—
Measles	—
Scarlet Fever	—
Whooping Cough	1
Diphtheria	1
Influenza	5
Suicide	4
Road traffic accidents	2
Other violent causes	16
Cancer	92
Diarrhoea (under 2 years)	4
Deaths (under 1 year) :—	
Legitimate (M.20 F.2)	22
Illegitimate (M.9 F.5)	14
Total	36

Birth Rates and Death Rates, 1944.

	Dewsbury.	England & Wales.	126 County Boroughs & Great Towns.
Rate per 1,000 Population :			
Live Births	20.87	17.6	20.3
Still-births	0.68	0.5	0.64
Annual Death Rate per 1,000 Population :			
All causes	14.11	11.6	13.7
Typhoid & Para- typhoid fevers	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00
Whooping Cough	0.02	0.03	0.03
Diphtheria	0.02	0.02	0.03
Influenza	0.11	0.12	0.10
Smallpox	0.00	0.00	0.00
Measles	0.00	0.01	0.01
Rate per 1,000 total (live & still) births :			
Still-births	32.57	—	—
Rate per 1,000 Live Births :			
Diarrhoea & Enteritis (under 2 years)	0.08	4.8	7.3
Total deaths under one year	36.0	46.0	52.0
Maternal Mortality Rate per 1,000 Total Births :			
Puerperal Sepsis	0.09	0.68	—
Other puerperal causes	0.09	1.25	—
All puerperal causes	1.8	1.93	—

COMPARATIVE RATES.

	Dewsbury 1944	Dewsbury 1943	England & Wales 1944
Birth Rate	20.87	18.75	17.6
Death Rate	14.11	15.9	11.9
Infant Mortality Rate	36.77	50.5	46.0
Maternal Mortality Rate	1.8	1.07	1.93

Population:

The Registrar General estimated the civilian population in 1944 to be 46,910, a decrease of 1,600 on the total for 1943.

Birth Rate.

In 1944, the number of live births increased by 88 from 891 to 979, giving a birth rate of 20.87 per 1,000 compared with the previous year's rate of 18.75.

The Birth Rate for England and Wales for 1944 was 17.6 per 1,000.

Death Rate.

In 1944 the number of deaths was 662, a decrease of 95 compared with the previous year, and the death rate was 14.11 per 1,000 compared with a death rate of 15.9 in 1943.

The Death Rate for England and Wales for 1944 was 11.6 per thousand.

Unemployment.

The following are the figures for the number of registered unemployed in Dewsbury in the first week of each quarter in 1944 :—

January, 1944	20
April, 1944	41
July, 1944	25
October, 1944	45
			<u>131</u>

The following Table gives an Analysis of the Causes of Death :

CAUSES OF DEATH, 1944.

	M.	F.
1 Typhoid Fever, etc.	—	—
2 Cerebro Spinal Fever	—	—
3 Scarlet Fever	—	—
4 Whooping Cough	—	1
5 Diphtheria	1	—
6 Respiratory Tuberculosis	10	6
7 Other forms of Tuberculosis	2	3
8 Syphilitic Diseases	5	3
9 Influenza	4	1
10 Measles	—	—
11 Ac. Poliomyelitis and Polioencephalitis	—	—
12 Ac. Inf. Encephalitis	1	—
13 Cancer of buc : cav. and aesoph (M) ; uterus (F)	5	7
14 Cancer of stomach and duodenum	9	8
15 Cancer of breast	—	10
16 Cancer of all other sites	30	23
17 Diabetes	3	4
18 Intra-cranial vascular lesions	39	47
19 Heart Disease	72	110
20 Other diseases of circulatory system	20	17
21 Bronchitis	14	22
22 Pneumonia	19	10
23 Other respiratory diseases	6	2
24 Ulcer of stomach or duodenum	4	1
25 Diarrhoea (under 2 years)	3	1
26 Appendicitis	2	—
27 Other Digestive diseases	8	11
28 Nephritis... ..	12	10
29 Puerperal and Post-abortion Sepsis	—	1
30 Other Maternal causes	—	1
31 Premature Birth	11	3
32 Congenital Malformation, birth injury, infantile diseases	6	5
33 Suicide	4	—
34 Road Traffic Accidents	2	—
35 Other Violent causes	12	4
36 All other causes	20	27
Total	324	338

Maternal Mortality.

	Actual Deaths	Rate per 1,000 Total (live and still births)	Rate per 1,000 (live and still births) England and Wales.
Puerperal Sepsis	1	0.9	0.31
Other Puerperal Causes ...	1	0.9	1.62
Total	2	1.8	1.93

Infantile Mortality.

Actual.	M.	F.	Total
Legitimate	20	9	29
Illegitimate	2	5	7
	22	14	36

Rates.

Legitimate infants per 1,000 legitimate Live Births ...	32.20
Illegitimate infants per 1,000 illegitimate Live Births ...	74.48
All infants per 1,000 Live Births	36.77
England and Wales	46.00

SECTION B.**GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.****1. (i) Public Health Officers.**

Particulars of the Public Health Officers, together with information as to their qualifications, are set out on pages 5 and 6.

(ii) (a) Laboratory Facilities.

Bacteriological work is carried out at the Public Health Department Laboratory, Municipal Buildings, and at the West Riding County Council's Laboratory, Wakefield. Details of the work are shown in the following Tables :—

Specimens Examined at Dewsbury Bacteriological Laboratory during 1944.

	Swabs	Sputa	Other Examinations	TOTAL
Private Practitioners ...	132	11	7	150
General Infirmary	5	3	7	15
School Clinic	118	1	—	119
Whitley Sanatorium	—	94	—	94
Tuberculosis Dispensary ...	—	34	1	35
Mitchell Laithes Isolation Hospital	2040	—	8	2048
Others	25	—	3	28
TOTAL	2320	143	26	2489

**Specimens examined at West Riding County Council Laboratory
during 1944 for the Dewsbury Health Department.**

Swabs for B. Diphtheriae	830
Samples of Milk for Tubercle Bacilli	9
Samples of Milk for Bacterial Content	134
Samples of Milk for Phosphatase Test	42
Urines for Pregnancy Test	19
Urines for General Examination	7
Faeces for B. Typhosus	156
Faeces for B. Paratyphosus	134
Blood Sera for B. Typhosus	3
Blood Sera for B. Paratyphosus	3
Blood Sera for Br. Abortus	2
Blood Films for Cytological Examination	5
Blood for Urea Estimation	11
Blood for Sugar Estimation	2
Specimens of Semen for sterility	2
Swabs for Organisms	6
Blood Culture	2
Tissue for Histology Examination	1
Cerebro Spinal Fluids for chlorides	6
Blood for Albumen	1
Blood for Globulin	1
Blood for Cholesterol	1
Cerebro Spinal Fluids	7
Swabs for Anthracis	2
Samples of Water for Bacteriological Examination	11
Sputa for Tubercle Bacilli	62
Swab for Haemolytic Streptococci	1
Fluids and Pus for Organisms (both inoculated)	2
Faeces for Occult Blood	1
Faeces for Tubercle Bacilli	1
Sputa for Organisms	1
Examination for detection of Gonococci	200
Blood for Wassermann Reaction	229
Gonococcal Complement Fixation Test	83
Total	1977

Swabs for Diphtheria examined at the Public Health Laboratory during each month of 1944.

Month	Private Pract.	Dewsbury G. Infirm.	School Clinic	Whitley Sanat'm.	T.B. Dispensary	Isolation Hospital	Others	Total
January	25	—	12	—	—	360	2	399
February	14	2	27	—	—	390	8	441
March	21	1	11	—	—	424	4	461
April	11	1	7	—	—	291	2	312
May	19	—	15	—	—	180	2	216
June	17	—	35	—	—	202	2	256
July	17	—	11	—	—	151	5	184
August	8	1	—	—	—	42	—	51*
September	—	—	—	—	—	—	—	*
October	—	—	—	—	—	—	—	*
November	—	—	—	—	—	—	—	*
December	—	—	—	—	—	—	—	*
Totals	132	5	118	—	—	2040	25	2320

DIPHtheria Swabs.—		DIPHtheria Cases.—	
1942
1943	...	1942	37
1944	...	1943	69
	...	1944	75
	2320		

*No Staff available—Swabs sent to County Laboratory.

(b) **Ambulance Facilities.**

Three Motor Ambulances are available for Non-infectious and Accident Cases ; 2 are provided by the Dewsbury Corporation for accidents and are controlled by the Police, and one by the Ravensthorpe St. John Ambulance Brigade. The Dewsbury Joint Hospital Board provides 2 Ambulances for the removal of cases of infectious disease.

(c) **Nursing in the Home.**

The Dewsbury Nursing Association provides for the home nursing needs of the town.

(d) **TREATMENT CENTRES AND CLINICS.**

The following is a list of Treatment Centres and Clinics in the Borough :—

	Place	Time
Child Welfare	Ravensthorpe Council Offices Health Dept., Municipal Buildings, Halifax Rd. }	Friday, 2 p.m. Wednesday, 2 p.m. Saturday, 10 p.m.
Ante and Post-Natal Clinics	Thornhill Council Offices Earlsheaton Council Offices Moorlands Maternity Home	Thursday, 2 p.m. Tuesday, 2 p.m. Monday, 10-30 a.m. Monday, 2 p.m. Tuesday, 2 p.m. Thursday, 2 p.m.
CLINICS—		
Minor Ailments	School Clinic, Halifax Road	Daily
Special Inspection	do.	By appointment
Dental	do.	Daily
Dental	Ravensthorpe Council Offices	Daily
Diphtheria		
Immunisation*	School Clinic, Halifax Road	By appointment
Tuberculosis	Northfields House, Bath St.	Monday, 6 p.m. Friday, 2 p.m.
Venereal Diseases	Dewsbury General Infirmary	Daily Medical Officer attends Mon- day, 2 p.m. Thursday, 7 p.m.
Orthopaedic Clinic	Dewsbury General Infirmary	3 p.m. second Tues- day in the month
Consultant Ophthalmic Clinic	School Clinic, Halifax Road	Every other week by appointment

*Immunization is also provided free at the Child Welfare Centres.

2. (i) **Administration of Institutional Services.**

(a) **DEWSBURY AND DISTRICT GENERAL INFIRMARY.**

This is a Voluntary Hospital which normally contains 100 beds. It is classed as a Grade 1A Hospital under the Ministry of Health's Emergency Hospital Scheme, and in a grave emergency could accommodate 180 patients.

(b) STAINCLIFFE COUNTY HOSPITAL.

This Hospital is administered by the West Riding County Council and is classed as Grade 1A in the Ministry of Health's Emergency Hospital Scheme. Normally it contains 349 beds, but in an emergency a much larger number of patients could be admitted. During the year 11 Maternity patients were admitted.

(c) MITCHELL LAITHES INFECTIOUS DISEASES HOSPITAL.

This Hospital contains 102 beds and is controlled by the Dewsbury Joint Hospital Board. The Medical Superintendent is the Medical Officer of Health.

(d) WHITLEY SANATORIUM.

This Sanatorium contains 32 beds. During the year 42 patients were admitted and 33 discharged.

(e) MOORLANDS MATERNITY HOME.

This Institution contains 28 beds and it has been filled to capacity during the year.

An Assistant Medical Officer is resident.

A Consultant Obstetrician attends weekly and is called at other times for emergencies.

This Home is approved by Central Midwives Board for training in Part. VI. of the Board's Regulation.

(ii) Poor Law Medical Out-Relief.

This work is carried out by the Social Welfare Department.

(iii) Care of Mental Defectives.

A total of 107 Defectives were cared for as follows :—

(a) IN INSTITUTIONS :—

56 at St. Catherine's Institution, Doncaster.

(5 are on Licence Leave).

1 at Monckton Hall, Jarrow.

1 at Allerton Priory School, Liverpool.

2 at Rampton State Institution.

(b) UNDER GUARDIANSHIP.

17 under Guardianship (16 with relatives).

(c) UNDER STATUTORY SUPERVISION.

30 (22 Males, 8 Females).

3. MATERNITY AND CHILD WELFARE.**(i) Midwifery Service.—Domicilliary Midwifery.**

The four Municipal Midwives attended 297 cases during the year ; further particulars as follows :—

No. of Cases making application	312
No. of Cases booked	312
No. of Cases attended	297
No. sent to Hospital	10

The Midwives are under the direct supervision of the Matron of the Moorlands Maternity Home.

(ii) **“ Ravensleigh ” Ante-Natal Hostel.**

During September, 1944, “ Ravensleigh,” 28, Oxford Road, Dewsbury, was requisitioned by the Ministry of Health, and opened as an Ante-Natal Hostel for Evacuee Expectant Mothers, under the London Evacuation Scheme, N.E. Region.

Nurse L. Illingworth, S.R.N., S.C.M., was appointed Temporary Matron.

Between September 22nd, 1944, and December 31st, 1944, 62 Expectant Mothers were sent by the London County Council to “ Ravensleigh,” where they received every care, including Ante-Natal treatment, until they were transferred to Staincliffe County Hospital for confinement.

(iii) **MATERNITY SERVICES.****Ante-Natal Clinics.**

Four Clinics are held weekly at the Moorlands Maternity Home. The number of women who attended these Clinics during the year was 998.

Post-Natal Clinic.

This Clinic is held in conjunction with the Ante-Natal Clinic. During the year 15 patients attended.

It is hoped to develop a separate Post-Natal Clinic in due course.

Birth Control Clinic.

This Clinic is run in connection with the Ante-Natal Clinic, and during the year 2 patients attended, making 11 visits for the year.

Infant Welfare Centres.

Attendances at Infant Welfare Centres were as follows :—

	Dewsbury		Thornhill		Earls-heaton		Ravens-thorpe		Total	
	1943	1944	1943	1944	1943	1944	1943	1944	1943	1944
Clinic Attendances...	12314	7796	7399	5599	7301	6024	8242	5048	34896	24467
Primary Attendances...	236	262	178	186	176	224	179	206	769	878
Cases seen by Medical Officer	1007	650	888	485	911	606	703	632	3509	2373

The amount of Milk Foods distributed at these Centres was 35,482 lbs. The total cost was £3,152 of which the parents paid £3,044.

Vitamins.

Fruit Juices and Cod Liver Oil are distributed through the Child Welfare Clinics in accordance with the Ministry of Health Circular dated 14th March, 1942.

No free issues are now available, but mothers may obtain it as follows :—

Cod Liver Oil10d. per bottle.
Orange Juice 5d. per bottle.

(iv) INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

The work of the Moorlands Maternity Home is shown in the following Tables :—

Work of Moorlands Maternity Home in 1944.

Number of beds up to 31st December, 1944	28
Number of mothers confined	830
Average duration of stay (in days)	14.0
No. of cases delivered by (a) midwives	787
(b) doctors	43
No. of cases in which medical assistance sought by midwives in emergency	15
No. of cases of Puerperal Fever	—
No. of cases of Puerperal Pyrexia	2
No. of cases of Pemphigus Neonatorum	3
No. of cases of Ophthalmia Neonatorum	—
No. of infants not entirely breast fed	100
No. of maternal deaths	2
No. of infant deaths (a) stillborn	22
(b) within 10 days of birth	19

Work of Moorlands Maternity Home, 1926-1944.

	No. of Births in Maternity Home	No. of Births in Dewsbury	Proportion of Dewsbury Births occurring in Maternity Home
1926	217	910	23.8%
1927	178	870	20.0%
1928	192	860	22.0%
1929	198	813	24.3%
1930	236	872	27.0%
1931	245	743	33.0%
1932	260	790	33.0%
1933	277	812	34.1%
1934	295	776	38.0%
1935	303	815	37.2%
1936	291	833	34.9%
1937	299	841	35.3%
1938	299	753	39.7%
1939	290	795	36.4%
1940	501	787	63.7%
1941	605	775	78.1%
1942	758	848	89.0%
1943	748	891	83.9%
1944	830	987	84.1%

(v) **WAR-TIME DAY NURSERIES.**

There are four War-Time Day Nurseries in the Borough :

- (a) Eightlands Day Nursery, Eightlands Road, Dewsbury.
- (b) Ravensthorpe Day Nursery, Hebble Street, Ravensthorpe.
- (c) Thornhill Lees Day Nursery, Headfield Road, Savile Town, Dewsbury.
- (d) Earlsheaton Day Nursery, Wakefield Road, Dewsbury.

Day Nurseries are no novelty to this Borough, where the Dewsbury Day Nursery has been run on a voluntary basis since 1913. Together with three other additional Nurseries, all now under the Ministry of Health Scheme, over an average of 100 children are taken care of each day. The provision and administration of these Nurseries has been one of our major tasks. In the writer's opinion the Nurseries have come to stay. Some extremists would provide nurseries for all children ; while others regard them as interfering with family life.

In peace time it is visualised that nurseries will free a mother from the care of her child for a half or a whole day while she is busy shopping or taking some form of recreation.

Generally, the health of a child benefits by attendance at a nursery, and training in elementary hygiene is carried back to the home.

Attendances during the Year 1944.

	Under 2 years	2 to 5 years	Total
Ravensthorpe Day Nursery	2126	4839	6965
Eightlands Day Nursery	2302	5200	7502
Earlsheaton Day Nursery	3220	2548	5768
Thornhill Lees Day Nursery	3061	3413	6474
Totals	10709	16000	26709

(vi) **HEALTH VISITORS.**

The four Health Visitors paid 373 visits to expectant and nursing mothers ; 5743 visits to children under one year of age ; and 10,831 visits to children between one and five years of age ; making a total of 16,947 visits.

SPECIAL VISITS IN WARDS.

	Trinity North and South Wards.	Thornhill North and South Wards.	Earlsheaton and All Saints' Wards.	Ravensthorpe and St. John's E. & W. Wards.	TOTALS.
Births, 1st Visits	199	254	238	323	1014
Births, Re-visits under one year	971	1115	1179	1464	4729
Ante-Natal Visits	91	103	68	111	373
Visits to Children 1—5 years.	2721	2337	2621	3152	10831
	3982	3809	4106	5050	16947

SPECIAL VISITS IN WARDS.

Still Birth Visits ...	6	7	6	3	22
Ophthalmic Visits	1	1	1	—	3
	7	8	7	3	25

(vii) **Child-Life Protection.**

The Health Visitors act as Child-Life Protection Visitors, generally no person receives more than 2 children except in in one special case where there are 5.

	Trinity North and South Wards.	Thornhill North and South Wards.	Earlsheaton and All Saints' Wards.	Ravensthorpe and St. John's E. & W. Wards.	TOTAL.
Infant Life Protection Visits ...	3	15	41	17	76

(viii) **PREMATURE BABIES BORN IN THE COUNTY
BOROUGH OF DEWSBURY DURING 1944.**

(a) The total number of premature babies notified who were born :

(i) at home	15
(ii) in hospital	12

(b) The number of those born at home :

(i) who were nursed entirely at home ...	6
(ii) who died during the first 24 hours ...	3
(iii) who survived at the end of one month ...	5

- (c) The number of those born in hospital :
- | | |
|---|---|
| (i) who died during the first 24 hours ... | 4 |
| (ii) who survived at the end of one month ... | 4 |

(The above information was requested by the Ministry of Health in their circular 49/45 of 19th March, 1945, para. 2).

(ix) **ILLEGITIMATE CHILDREN.**

The mothers of illegitimate children are visited by the Health Visitors, who take a special interest in the care of these babies, and they also advise the mothers with regard to establishing paternity, with a view to receiving the necessary payment, etc.

The Mothers and the children are cared for in the same manner as those more fortunate ; they are able to take advantage of the facilities offered by the Infant Welfare Clinics and Day Nurseries in this Borough, and every endeavour is made to ensure the satisfactory upbringing of these children.

(The above information was requested by the Ministry of Health in their circular 49/45 of 19th March, 1945, para. 2).

(x) **PROMOTION OF CLEANLINESS AND GOOD HABITS AND THE ELIMINATION OF VERMINOUS CONDITIONS.**

In the course of their duties, the four Health Visitors employed by this Department, carry out the suggestions made in Circular 2831 and Memo 230/Med. issued by the Ministry of Health, with regard to the control of Head Lice, and the promotion of cleanliness and good habits.

Cases of uncleanness are dealt with at the Cleansing Station attached to the Municipal Buildings, Halifax Road, Dewsbury, where a nurse is employed to carry out special treatment under the direction, of a Medical Officer.

During the year 332 Cases of Scabies have been treated.

(xi) **Arrangements for Dental, Orthopaedic, etc., Cases.**

Dental Treatment.

Dental Treatment is carried out by the School Dental Surgeon, at the School Clinic, by arrangement with the Education Committee. During the year 69 mothers received treatment, of whom 34 were provided with dentures.

Orthopaedic Treatment.

During the year 5 children suffering from Orthopaedic Defects were referred to the Dewsbury and District General Infirmary from the Infant Welfare Centres.

4. **NURSING HOMES.**

There are none registered or known to exist in the County Borough of Dewsbury.

5. **BLIND PERSONS.**

The number of blind persons on the Register on December 31st, 1944, was 140 ; 63 males, 77 females, as shown in the following table :—

Ages	Males	Females	Total
Under 5	—	—	—
5 to 15	2	2	4
15 to 20	1	—	1
20 to 30	3	3	6
30 to 40	8	2	10
40 to 50	6	6	12
50 to 60	6	14	20
60 to 70	16	16	32
Over 70	21	34	55
Totals	63	77	140

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

The area of the County Borough of Dewsbury is supplied with water received in bulk from three sources :—

1. The Works of the Dewsbury and Heckmondwike Waterworks Board.
2. The Corporation of Bradford.
3. The Corporation of Halifax.

The Dewsbury Corporation are responsible for the distribution of all water received, but are not directly responsible for producing or treating any of it.

They are, however, indirectly responsible in this way for the first-named supply, being in fact, the larger partner of the Board.

The supplies from all three sources are derived from Gathering Grounds situated in the Pennines, and are collected and stored in large impounding reservoirs.

The first named is treated by the addition of slaked lime and chlorine, but is not filtered.

The second and third are treated by their respective Authorities in the same filtration plants as used for their own supplies. Details of treatment are not available.

Part of the area is supplied from source 1 only, part from source 3 only, and the remainder from sources 1 and 2 mixed.

In 1944 the proportions of water from each source were :—

1	66.9%
2	19.0%
3	14.1%

The rate of consumption per person in 1944 was **20.8 gallons** per day for domestic purposes including small trade users, and **18.6 gallons** per day for measured trade supplies, giving a total of **39.4 gallons per day**.

Particulars required according to Ministry of Health Circular 49/45 are as follows :—

(1) The Water supply in all parts of the area has been satisfactory in quality and ample in quantity.

(2) The following examinations were made during the year :—

Bacteriological Analyses.

Description	Highly Satisfactory	Satisfactory	Suspicious	Unsatisfactory	Total
Samples from Staincliffe Reservoir, analysed by P. L. Sutherland, County Hall, Wakefield ...	43	8	—	1	52
Samples analysed by the Analytical Services of the County Borough of Dewsbury ...	257	4	22	—	283
Totals ...	300	12	22	1	335

Chemical Analyses.

Carried out by Messrs. Richardson & Jaffe, Bradford.

Full Chemical...	3
Partial Chemical (Sanitary)	9
For Copper after standing in pipe	1
For Lead after standing in pipe	1
Total	14

In addition to the above samples which were taken by the Water Engineer from special taps, a start was made in October, 1944, by the Public Health Department to take three samples a month from consumers' taps at various places in the Borough.

A summary of Analyses by P. L. Sutherland, County Hall, Wakefield, is set out below :—

Highly Satisfactory	...	7
Satisfactory	...	1
Unsatisfactory	...	1
Total		9

(3) The water as delivered to the Corporation of Dewsbury is not liable to have plumbo-solvent action.

(4) No contamination was suspected and none shown by chemical or bacteriological examination. No action was therefore necessary.

(5) All houses in the area except for one or two isolated cottages are supplied from public water mains.

(a) All houses supplied direct.

(b) No stand pipes.

(ii) **DRAINAGE and SEWERAGE.**

The main Sewerage Works are situated at Mitchell Laithes. There is also a modern Sewerage Works at Ravensthorpe. Two small Works, one adjacent to Smithy Brook for Thornhill Edge, Briestfield, and Whitley, and one at Millbank deals with the Sewage from Thornhill.

2. **RIVERS and STREAMS.**

The West Riding of Yorkshire Rivers Board is responsible for preventing pollution of the River Calder and its tributaries.

The River Calder and its tributaries receive along their entire length effluents from an almost unbroken chain of Sewage Works and Manufactories. The problem of preventing pollution is complicated owing to the small normal flow in proportion to the volume of effluents which is discharged into the river. At Kirkthorpe Weir, Wakefield, the dry water flow of the River Calder is only about 95 million gallons a day. Of this flow, one-third can easily be accounted for by effluents from Sewage Works. In addition, there are millions of gallons of trade effluents, so that the amount of used water in the river is at least 50%. If it were not for the compensation water from reservoirs there would be little clean dilution water reaching the river during droughts. The Board gives facilities to manufacturers, particularly in respect of new industries which give rise to waste liquids requiring special treatment. The Board is of the opinion that the most efficient and economical means of dealing with trade effluents is by draining them into the sewers for treatment at the Sewage Works of the local authorities.

3. SWIMMING BATHS and POOLS.

There are two Swimming Baths owned by the Corporation, and situated in Wellington Road, Dewsbury.

In addition there is a Turkish Bath where general remedial treatment is given, also Zoto-Foam and Peat are given.

The water in the two swimming baths is sterilized and filtered through pumping plants, and 105,000 gallons of water pass through these plants every $3\frac{1}{4}$ hours. During the process the water is treated with Liquid Chlorine of 0.5 parts per 1,000,000, which ensures a sterilized Bath.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

(1) The Prevalence of Notifiable Infectious Diseases (other than Tuberculosis.)

Disease	Total cases Notified	Cases admitted to Hospital	Total Deaths
Smallpox	—	—	—
Scarlet Fever	116	84	—
Diphtheria	75	75	1
Enteric Fever (including Paratyphoid)	2	2	—
Puerperal Pyrexia	11	2	—
Pneumonia	16	2	29*
Acute Influenzal, Nil.			
Acute Primary, 16.			
Cerebro Spinal Fever	5	5	—
Erysipelas	6	3	—
Ophthalmia Neonatorum	15	1	—
Whooping Cough	40	1	1
Measles	128	—	—
Polioencephalitis	1	1	—
Dysentery	34	21	1
Total	449	197	32

*The Registrar General gives the figure 29 as the number of deaths from all classes of Pneumonia, and does not define the number who died from Acute Primary, and Acute Influenzal Pneumonia.

Details of the Notification of Infectious Diseases other than Tuberculosis during the twelve months of the year 1944.

Disease	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro Spinal Fever	—	—	—	2	3	—	—	—	—	—	—	—	5
Scarlet Fever	16	8	8	12	8	11	13	10	13	2	6	9	116
Diphtheria	15	12	17	5	7	11	3	2	—	1	—	2	75
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	1	—	—	—	—	1	2
Puerperal Pyrexia	—	1	2	2	1	2	2	—	—	—	1	—	11
Pneumonia	3	—	2	1	—	2	1	—	—	—	5	2	16
Erysipelas... ..	—	—	1	2	—	—	1	1	—	—	1	—	6
Ophthalmia Neonatorum	2	—	1	—	1	—	2	2	3	2	1	1	15
Whooping Cough... ..	2	—	—	2	—	4	6	10	7	2	7	—	40
Measles	—	—	1	3	—	1	1	3	25	35	9	50	128
Dysentery... ..	2	9	12	—	—	1	2	1	—	—	—	7	34
Polioencephalitis	—	—	—	—	—	—	—	—	1	—	—	—	1
Totals	40	30	44	29	20	32	32	29	49	42	30	72	449

Diphtheria.

75 cases were notified as against 69 in 1943. There was one death from this disease. There were no deaths among children who had been immunized.

All of the cases were removed to the Isolation Hospital.

Diphtheria Immunization.

The total number of children immunized during the year was 751 ; of these 381 were between 0 and 5 years, and 370 between 5 and 15 years.

It is estimated that number of children in the Borough immunized is 58% of those between 0 and 5 years, and 63% of those between 5 and 15 years.

The number of immunizations carried out during the last 12 years are as follows :—

1933	56
1934	310
1935	77
1936	10
1937	76
1938	26
1939	19
1940	1680
1941	1865
1942	1350
1943	1675
1944	751

Analysis of Cases Notified as Diphtheria.

Clinical Cases	Non-Clinical Cases Carriers, etc.	Wrongly Diagnosed as Diphtheria	Total
48	17	10	75

Of the 48 Clinical Cases, 10 gave a history of immunization, but it has only been possible to confirm the record of immunization in 5 of these cases. A careful search through clinical records of these 5 cases, elicits the fact that all were very mild infections.

2.

CANCER.

No. of Deaths from Cancer during 1944	...	92
Rate per 1,000	1.96
" " England and Wales		(not available)

Deaths from Cancer in Age Periods :—

	M.	F.	Total
Under 15 years	—	1	1
15 to 45 years	1	2	3
45 to 65 years	15	24	39
Over 65 years	28	21	49
	44	48	92

Treatment.

Cases requiring X-Ray, Therapy or Radium Treatment are transferred from local Hospitals to the Leeds General Infirmary.

TUBERCULOSIS.

Total Number of Cases notified under Tuberculosis Regulations (1930) at the end of 1944.

	M.	F.	Total
Pulmonary Tuberculosis	83	78	161
Non-Pulmonary Tuberculosis	37	46	83
	120	124	244

Summary in Age Groups.

Age	Pulmonary			Non-Pulmonary		
	M.	F.	Total	M.	F.	Total
0—5	2	1	3	3	3	6
5—15... ..	2	3	5	17	11	28
15—25... ..	14	28	42	7	15	22
25—35... ..	9	21	30	2	6	8
35—45... ..	24	11	35	2	7	9
45—55... ..	15	7	22	2	2	4
55—65... ..	10	5	15	2	2	4
65 upwards ...	7	2	9	2	—	2
Totals	83	78	161	37	46	83

Tuberculosis. New Cases and Mortality during 1944.

Age Periods	New Cases.					Deaths				
	Respiratory		Non-Respiratory		Total	Respiratory		Non-Respiratory		Total
	M.	F.	M.	F.		M.	F.	M.	F.	
0—	—	—	—	—	—	—	—	—	—	—
1—	—	1	2	2	5	1	—	—	2	3
5—	1	—	—	1	2	—	1	—	1	2
15—	1	1	1	—	3	—	1	—	—	1
25—	3	7	—	—	10	—	1	1	—	2
35—	2	3	1	3	9	4	2	—	1	7
45—	4	1	—	1	6	1	2	—	—	3
55—	1	—	—	—	1	2	—	—	—	2
65 upwards	2	—	—	—	2	1	—	—	—	1
Totals	14	13	4	7	38	9	7	1	4	21

Mortality 0.44 per 1,000 of population.

„ England and Wales—not available.

Whitley Sanatorium (32 beds).

Patients in Hospital at beginning of year	17
Patients admitted during the year	42
Patients discharged	33
Patients died	4
Patients in Hospital at end of year	22

Owing to lack of Nursing Staff, the Sanatorium has not been occupied to capacity.

Chest Clinic.

New Cases 69. Contacts 31. Old Cases 739.
Total Attendances 839.

Home Visits.

	New Cases	Old Cases	Total
Medical Officer	4	—	4
Nurse	49	1663	1712
	53	1663	1716

Maintenance Allowances under Memorandum 286/T.

State allowances for patients suffering from Pulmonary Tuberculosis, and their dependants, introduced by the Minister of Health with the object of securing the maximum man-power for industry, were started on September 3rd, 1943.

Patients can now start treatment without delay and with the knowledge that provision is made for dependants.

At the end of the year some 24 cases were receiving allowances, amounting in all to approximately £29 7s. 5d. per week.

Administration of the Scheme is far from simple, and the problem of deciding whether a patient may resume remunerative work gives rise to many difficulties, both from a medical viewpoint, and from the patient's reaction.

As stated above only cases of Pulmonary Tuberculosis are eligible and chronic cases cannot benefit.

The ever-growing snowball of clerical work in this department has been considerably increased by the weekly calculations involved.

VENEREAL DISEASES.

Treatment of this disease is carried out at the Dewsbury General Infirmary on behalf of the Dewsbury Corporation in conjunction with the West Riding County Council.

Particulars of the treatment and the number of cases, are given in the following table :—

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT DEWSBURY DURING THE YEAR ENDED THE 31ST DECEMBER, 1944.

	Syphilis		Soft Chancre		Gonorrhoea		Conditions other than Venereal		TOTAL	
	M	F	M	F	M	F	M	F	M	F
1. Number of cases on 1st January under treatment or observation	67	52	25	19	3	6	95	87
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection	2	1	3
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from :—										
Syphilis, primary... ..	1	1	...
" secondary	2	5	2	5
" latent in 1st year of infection	1	2	1	2
" all later stages	3	3	3	3
" congenital	1	1	...
Soft Chancre
Gonorrhoea, 1st year of infection	36	34	36	34
Gonorrhoea, later	1	1	...
Conditions other than venereal	44	43	44	43
4. Number of cases dealt with for the first time during the year under report known to have received treatment at other Centres for the same infection ...	12	3	3	2	...	1	15	6
TOTALS OF ITEMS 1, 2, 3 and 4	87	77	65	56	47	50	199	183

	Syphilis		Soft Chancre		Gonorrhoea		Conditions other than Venereal		TOTAL	
	M	F	M	F	M	F	M	F	M	F
5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal	2	3	23	14	43	40	68	57
6. Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from :—										
Syphilis, primary...
" secondary	1	1
" latent in 1st year of infection
" all later stages
" congenital
Soft Chancre
Gonorrhoea, 1st year of infection	10	2	10	2
Gonorrhoea, later
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure	7	2	7	2
8. Number of cases transferred to other centres or to institutions, or to care of private practitioners	15	1	10	4	25	5
9. Number of cases remaining under treatment or observation on 31st December	70	72	15	34	4	10	89	116
TOTALS OF ITEMS 5, 6, 7, 8 and 9	87	77	65	56	47	50	199	183
10. Number of attendances :—										
(a) for individual attention of the medical officers	552	341	350	366	144	143	1046	1220
(b) for intermediate treatment, e.g., irrigation, dressing	52	23	605	516	192	57	849	595
TOTAL ATTENDANCES	604	764	955	881	336	200	1895	1815
11. In-patients :—										
(a) Total number of persons admitted for treatment during the year	1	1	1	2	1
(b) Aggregate number of "in-patient days" of treatment given	14	17	37	31	37

	Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over		Totals	
	M	F	M	F	M	F	M	F	M	F
12. Number of cases of congenital syphilis in Item 3 above classified according to age periods	1	...	1	...

	Microscopical		Cultural for Gonorrhoea	Serum Tests	
	For Syphilis	For Gonorrhoea		For Syphilis	For Gonorrhoea
13. Pathological Work :—					
(a) Number of specimens examined at and by the medical officer of the treatment centre ...	1
(b) Number of specimens from patients attending at the treatment centre sent for examination to to an approved laboratory (if available)	...	451	...	302	178

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING THE YEAR, CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings.	Dewsbury	West Riding	Total
A. Number of cases in Item 3 from each area found to be suffering from :—			
Syphilis	8	10	18
Soft Chancre
Gonorrhoea	26	45	71
Conditions other than venereal	42	45	87
TOTAL	76	100	176
B. Total number of attendances of all patients residing in each area	1430	2280	3710

REPORT OF THE CHIEF SANITARY INSPECTOR.

on the work of the Sanitary Department for the year ending
31st December, 1944.

Mr. Chairman, Mrs. Hinchliffe, and Gentlemen,

I beg to submit my report on the work undertaken by the Sanitary Department in the year ending 31st December, 1944.

SANITARY INSPECTION OF THE DISTRICT.

Drainage.

All plans of new, additions or alterations to buildings submitted for approval to the Housing and Town Planning Committee are examined in this Department regarding the proposed drainage.

All new drains and alterations to existing drains are examined and tested by means of the smoke test, and details of inspections and tests made during the year are given below :—

Length of 4 in. drain tested by smoke	485 ft.
Length of 6 in. drain tested by smoke	390 ft.
No. of inspections of drainage	63
„ smoke tests—New drains	19
„ smoke tests—Existing drains	9
„ colour tests applied...	43
„ drains reconstructed	2
„ chemical tests	8
„ other tests	6

Sanitary Accommodation

Closets.

No. of inspections of w.c. accommodation	346
„ „ „ pails and privies	1
„ trough closets converted to w.c.'s	5
„ additional w.c.'s provided	4

Ashbins and Ashpits :

No. of Ashpits abolished	6
No. of dustbins renewed	192

Sanitary Inspection of the District.

During the year 1944 the following inspections were made by Sanitary Inspectors to the premises detailed :—

Nature of Inspection.	Primary Insp'n	Re-in- spection	Total Visits
Houses :			
Under Public Health Acts	853	2031	2884
" Housing Act	—	1009	1009
" " " (overcrowding) ...	23	6	29
Re Ashes Accommodation	291	796	1087
Re Accumulations	28	33	61
Re Cellars Flooding	42	138	180
Re Vermin	183	185	368
Re Rats and Mice	999	437	1436
Re Water Supply	16	3	19
Re Yards, Courts, &c.	21	2	23
Visits to :			
Common Lodging Houses	2	—	2
Houses Let in Lodgings	12	8	20
Schools	29	17	46
Cinemas	2	—	2
Piggeries	111	3	114
Urinals	46	1	47
Street Gullies and Sewers	50	55	105
Re Drainage	63	—	63
Slaughterhouses	379	—	379
Markets... ..	120	—	120
Markets—Meat Stalls	165	—	165
Markets—Other Food Stalls ...	756	—	756
Meat Shops	142	6	148
Food Preparing Premises	156	5	161
General Food Premises	190	11	201
Fried Fish Shops	129	44	173
Bakehouses	82	18	100
Milkshops and Dairies	260	6	266
Cowsheds	362	9	371
Offensive Trades	26	2	28
Factories	119	30	149
Stable Premises	48	1	49
Air Raid Shelters	9	1	10
Animals and Birds	18	2	20
Re Pharmacy and Poisons	69	—	69
Shops Acts	118	13	131
Smoke Observations	161	—	161
" " (Premises visited) ...	10	9	19
Visits re Infectious Disease	184	17	201
Miscellaneous	976	45	1021
Visits re Closets—Water	346	—	346
Pails and Privies	1	—	1
Corporation Tips	36	6	42
Interviews (Owners, etc.)	888	—	888
Visits for Food and Drugs Sampling (Formal) ...	161	—	161
" " " (Informal) ...	68	—	68
" Rag Flock Sampling	2	—	2
" Fertiliser and Feeding Stuffs	9	—	9
" Water Sampling	4	—	4

Complaints.

Number and nature of complaints received and investigated :—

Dampness	21
Vermin—Rates & Mice	72
" —Bug Infestation	41
Refuse Accommodation	62
Sanitary Accommodation :	
Water Closets	25
Cisterns	2
Water Closet drains	18
Overcrowding	6
Water Supply :	
Defective pipes	6
Miscellaneous	3
Washing Accommodation :	
Sinks	23
Sink Waste Pipes	14
" " Drains	3
Set Pots	6
Drainage	37
Cooking Accommodation	4
Water in Cellar	18
Miscellaneous	55
General :	
Doors	7
Fireplaces	6
Spouting	7
Roofs	33
Chimneys	16
Pointing	2
Brickwork	1
Plasterwork	15
Yard Paving	1
Subsidence	3
Floors	3
Eavesgutters	3
Windows	9

Total 522

Nuisances.

No. of Nuisances found	1435
" Nuisances remedied	1231

Action under Public Health Act.

Notices Served.		Notices Complied With.	
Formal.	Informal.	Formal.	Informal.
11	716	11	783

Action under Dewsbury Corporation Act, 1933 (S.20)

Notices Served.	Notices Complied With.
46	46

Shops Acts, 1912-38.

No. of Inspections of Shops	118
" Re-Inspections of Shops	13
" Shops entered on Register (31st Dec., 1944)	601

Smoke Abatement.

The Council continued their membership of the West Riding of Yorkshire Regional Smoke Abatement Committee, Alderman H. Shaw being the representative of this Corporation.

Number of Smoke Observations taken ... 161

No. of Premises visited in respect thereof ... 19

Atmospheric Pollution

Record of Observation with Deposit Gauges for the Year 1944.

Month	Gauge Situate at Dewsbury (Municipal Buildings)		Gauge Situate at Savile Town (Gas Works)		Gauge Situate at Whitley		Gauge Situate at Ravensthorpe	
	M.	E.	M.	E.	M.	E.	M.	E.
January	2,156	54.94	1,075	27.36	949	24.17	1308	33.32
February	677	17.26	658	16.75	375	9.55	631	16.08
March	*	*	*	*	*	*	*	*
April	1,177	30.00	421	10.72	1,006	25.63	685	17.46
May	1,944	49.59	1,765	44.99	2,066	52.65	1,809	46.10
June	962	24.52	837	21.35	568	14.45	755	19.25
July	635	16.21	586	14.94	446	11.63	891	22.71
August	824	20.98	598	15.25	504	12.83	786	20.02
September	593	15.13	548	13.95	397	10.12	755	19.23
October	1,157	29.51	543	13.86	496	12.63	1,038	26.45
November	901	22.98	925	23.55	576	14.65	883	22.52
December	512	13.03	483	12.32	320	8.16	568	14.49
	11,538	294.15	8,439	215.04	7,703	196.47	10,109	257.63
	Average per month	26.74	Average per month	19.55	Average per month	17.86	Average per month	23.42
	1,049		767		700		919	

*Insufficient volume for full analysis.

Meteorological Report, 1944.
OBSERVATIONS AT CROW NEST PARK.

				Rainfall	Sunshine	
				inches	Hours	Minutes
January	3.46	4	50
February	1.20	22	20
March22	51	20
April	1.87	56	20
May	1.90	107	50
June	1.39	64	15
July	2.36	50	30
August	2.63	88	—
September	3.67	59	50
October	2.55	42	20
November	5.04	17	40
December	2.52	11	50
				<hr/> 28.81	<hr/> 577	<hr/> 5

Eradication of Bed Bugs.

No. of visits made by Sanitary Inspectors re Vermin	368
No. of articles disinfested	1300
No. of houses disinfested	26

Disinfection after Infectious Diseases.

No. of visits to investigate cases of infectious disease	201
No. of houses disinfested after cases of infectious disease	178
No. of rooms	356
No. of articles	2670
No. of library books	114
No. of visits in connection with above	402

In all cases the bedding is collected by the Sanitary Department staff and steam disinfested.

Rag Flock Acts, 1911-28.

Two samples have been taken during the year at premises where Rag Flock is manufactured, with the following results :—

Sample	Chlorine as Soluble Chlorides.			
No.	Allowed.		Found.	
1	...	30 parts per 100,000	...	15 parts per 100,000
2	...	" " " "	...	10 " " "

Fertilisers and Feeding Stuffs Act.

No. of samples of Fertilisers taken during the year ... 9

The following samples were taken :—

Dried Blood	...	1
Sulphate of Ammonia...	...	1
Superphosphate Lime	...	2
Nitrate Soda	...	1
General Fertiliser	...	4

9

All were found to be satisfactory.

Pharmacy and Poisons Act.

No. of Registered Premises	54
No. of Inspections of Registered Premises	69

Offensive Trades.

No. of Inspections made	28
-------------------------	-----	-----	-----	-----	----

Rats and Mice (Destruction) Act.

No. of Inspections of rat infested premises	999
No. of Re-Inspections „ „ „	437

During the year the sewers were baited under the scheme devised by the Ministry of Food, and it is calculated that 3,370 rats were killed.

Housing Statistics.**1.—Inspections of Dwelling-houses during the Year :—**

(1) (a) Total number of dwelling-houses inspected for defects (under Public Health or Housing Acts)	853
(b) Number of inspections made for the purpose	2060
2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	Nil.
(b) Number of inspections made for the purpose	Nil.
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil.
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	716

2.—Remedy of Defects during the Year without service of formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	783
---	-----	-----	-----	-----	-----

3.—Action under Statutory Powers during the Year :—

(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil.
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—
(a) By owners	Nil.
(b) By Local Authority in default of owners	Nil.
(b) Proceedings under Public Health Acts :
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	11

(2)	Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a)	By owners	11
(b)	By Local Authority in default of owners	Nil.
(c)	Proceedings under sections 11 and 13 of the Housing Act, 1936 :	
(1)	Number of dwelling-houses in respect of which Demolition Orders were made §... ..	Nil.
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	89
(3)	Number of Houses for which undertakings were submitted and accepted by Council	Nil.
(4)	Number of Houses made fit on undertakings accepted by Council	Nil.
(d)	Proceedings under section 12 of the Housing Act, 1936 :	
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil.
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil.
	4.—Housing Act, 1936.—Overcrowding :—	
(a)	(1) Number of dwellings overcrowded at the end of the year	253
	(2) Number of families dwelling therein	265
	(3) Number of persons dwelling therein	1482
(b)	Number of new cases of overcrowding reported during the year	5
(c)	(1) Number of cases of overcrowding relieved during the year...	1
	(2) Number of persons concerned in such cases	7
(d)	Particulars of any cases in which dwellinghouses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil.
(e)	Temporary overcrowding Licences granted	Nil

Common Lodging Houses.

No. of Inspections made	2
-------------------------	-----	-----	-----	-----	-----	---

Houses-Let-in-Lodgings.

No. of visits during 1944	20
---------------------------	-----	-----	-----	-----	-----	----

Factories Act, 1937.

No. of primary inspections of Factories—Non-mechanical	1
—Mechanical	10
No. of routine inspections made	108
No. of re-inspections	30
	<hr/>
	149
	<hr/>

No. and type of notices served and complied with :—

In respect of.	Written		Verbal	
	Served	Complied with	Served	Complied with
Lighting	4	1	—	—
Ventilation	3	—	—	—
Sanitary Accommodation (miscellaneous)	21	16	—	—
Sanitary Accommodation (cleanliness)	5	4	2	2
New W.C. provided	1	1	—	—

Schools.

Forty-six inspections of the sanitary accommodation of schools were made.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

No. of Retail Purveyors	189
„ „ Dairy Premises	73
„ „ Producers and Cowkeepers	50
„ „ Cowsheds	83
„ „ inspections of cowsheds	371
„ „ inspections of milkshops and dairies	266

Examination of Milk.

Ninety-one samples of milk were submitted to the Bacteriologist and subjected to the Methylene Blue Test.

Designation	Satisf'y	Not	Total
		Satisf'y	
Ordinary	25	1	26
Accredited	51	1	52
Tuberculin Tested	11	2	13
	—	—	—
	87	4	91
	==	==	==

Forty-one samples of Pasteurised milk were submitted to the Plate Count Test. Thirty-four samples were satisfactory and seven not satisfactory.

Thirty samples of Pasteurised milk were also submitted to the Phosphatase Test and twenty-nine were satisfactory and one not satisfactory.

The standard laid down in the Milk (Special Designations) Order, 1936 and 1938, for Pasteurised milk is that the milk must not contain more than 100,000 bacteria per millilitre.

Twenty-eight samples contained less than 25,000 bacteria per millilitre.

Three of the samples contained between 25,000 and 50,000 per millilitre.

Three of the samples contained between 50,000 and 100,000 per millilitre.

Seven of the samples contained over 100,000 bacteria per millilitre.

Nine samples of milk were submitted to biological examination for B. Tuberculosis.

Designation	No. Submitted.	Negative	Positive
Pasteurised ...	9	9	—

Milk (Special Designations) Orders, 1936-41.

The number of licences held at 31st December, 1944, were :—

Tuberculin Tested—

Licence to produce and bottle	3
Licence to bottle and sell	1
Licence to sell	2
Supplementary licence to sell	2

Accredited—

Licence to produce and bottle	6
Licence to produce	6

Pasteurised—

Licence to pasteurise, bottle and sell	3
Supplementary Licence to sell	1

Meat.

Number of visits made to slaughterhouses ... 379

Number of Licences to slaughter animals—

Total issued up to 31st December, 1944 ... 78

The weight of meat condemned is given as under—

Meat Condemned	tons	cwts.	qrs.	lbs.
Weight of Beef ...	—	—	2	4
Weight of Beef Offal ...	—	1	—	15
Weight of Pork ...	—	9	2	10
Weight of Pork Offal ...	1	15	2	10
	2	6	3	11

Number of inspections of Meat Shops and Stalls made was 1,069.

Particulars of other food surrendered as unfit for food—

TINNED FOOD—

Vegetables ...	342 tins
Fruit ...	32 "
Jam and Marmalade ...	151 "
Fish ...	323 "
Meat ...	290 "
Milk and Cream, etc. ...	418 "
Syrup ...	7 "

1563 "

FRESH FOOD—

Crumpets	39 doz.
Fish Cakes	34 "
Cereals	4 pkts.
Cocoa	68 "
Dried Egg	2 "
Flour	114 lbs.
Chopped Pork	6 "
Cheese	16 "
Sprouts	980 "
Sultanas	44½ "
Dried Milk	84 "
Cabbage	300 "
Sausage	50 "
Bacon	27 "
Beef Extract	2 "
Rice	44 "
Boiled Ham	29 "
Coffee	4½ "
Tea	6¼ "
Biscuits	1010 "
Blanc Mange Powder	112 "
Tomatoes	2688 "
Semolina	72 "
Ground Rice	560 "
Margarine	7 "
Oats	70 "
Sugar	1 "
Sauce	12 bottles
Flavouring	30 "
Pickles	10 jars
Fish	12 sts.
Crabs	3½ "
Frozen Lambs	5 "
Oranges	2 cases

Markets.

No. of visits made to market 120

No. and classification of stalls on which food is sold :—

Fish	3
Greengrocery	21
Tripe	3
Confectionery	6
Biscuits	2
Meat	3
Sweets	3
Grocery	7

48

General Food Premises.

Number of visits to General Food Premises	201
" " Fried Fish Shops	173
" " Bakehouses	100
" " Food Preparing Premises	161
" " Meat Shops	148

783

**Samples of Food and Drugs sent to the Public Analyst for Examination
during the year 1944.**

Article	Samples Taken	Informal		Formal		Total	
		Genuine	Adult'd	Genuine	Adult'd	Genuine	Adult'd
Milk	124	3	—	112	9	115	9
Other Food and Drugs—							
Arrowroot	1	1	—	—	—	1	—
Almond Flavouring ...	2	2	—	—	—	2	—
Armstrong Tonic	1	1	—	—	—	1	—
Artificial Raspberry Vinegar	1	1	—	—	—	1	—
All Fours Chest & Lung Mixture	9	4	3	—	2	4	5
Black Puddings	1	1	—	—	—	1	—
Balsam of Aniseed	1	1	—	—	—	1	—
Bisto	1	1	—	—	—	1	—
Bonamint	1	1	—	—	—	1	—
Bread	1	1	—	—	—	1	—
Bi-Carbonate of Soda	1	1	—	—	—	1	—
Baking Powder	4	4	—	—	—	4	—
Butter	2	—	—	2	—	2	—
Blackfruitex	1	1	—	—	—	1	—
Black Pepper	1	1	—	—	—	1	—
Blood & Stomach Pills	1	1	—	—	—	1	—
Beer	5	—	—	5	—	5	—
Com.Liquorice Powder	1	1	—	—	—	1	—
Castor Oil	1	1	—	—	—	1	—
Curo Phyll Tea	1	1	—	—	—	1	—
Cinnamon	1	1	—	—	—	1	—
Custard Flavour	2	2	—	—	—	2	—
Composition Essence	2	2	—	—	—	2	—
Cake Mixtures	2	2	—	—	—	2	—
Compound Tincture of Indian Bark	1	1	—	—	—	1	—
Cod Liver Oil Emul.	1	1	—	—	—	1	—
Comp. Extract Jam- aica Sarsaparilla	1	1	—	—	—	1	—
Children's Tonic	1	1	—	—	—	1	—
Curry Powder	1	1	—	—	—	1	—
Cascara Sagrada	1	1	—	—	—	1	—
Chocolate Flavour Spread	2	2	—	—	—	2	—
Dessert Mould	1	1	—	—	—	1	—
Epsom Salts	1	1	—	—	—	1	—
French Mustard	1	1	—	—	—	1	—
Ferute Syrup	1	—	1	—	—	—	1
Fruit Cup	2	2	—	—	—	2	—
Fish Cakes	3	3	—	—	—	3	—
Friquix	1	1	—	—	—	1	—
Fruit Cordial	1	1	—	—	—	1	—
Family Mixture	1	1	—	—	—	1	—
Ground Ginger	2	2	—	—	—	2	—
Ground Gelatine	1	1	—	—	—	1	—
Ginger Biscuit Mixture	1	1	—	—	—	1	—
Ginger Wine Essence	2	2	—	—	—	2	—
Glycerine, Ipecac. & Lemon Balsam	2	—	1	—	1	—	2
Gin	2	—	—	1	1	1	1
Glycerine & Thymol	2	—	1	—	1	—	2
Glycerine & Honey ...	2	—	1	1	—	1	1

Article	Samples Taken	Informal Genuine Adult'd		Formal Genuine Adult'd		Total Genuine Adult'd	
Golden Raising Powd.	1	1	—	—	—	1	—
Halibut Liver Oil ...	1	1	—	—	—	1	—
Indigestion Pills ...	1	1	—	—	—	1	—
Influenza & Cold Mix.	1	1	—	—	—	1	—
Kilkof ...	1	1	—	—	—	1	—
Kidney Cleansers ...	1	1	—	—	—	1	—
Kreamy Kurd ...	1	1	—	—	—	1	—
Koray ...	1	1	—	—	—	1	—
Linseed Compound ...	2	—	1	—	1	—	2
Lard ...	3	—	—	3	—	3	—
Laxatives ...	2	2	—	—	—	2	—
Lemon Flavour ...	1	1	—	—	—	1	—
Lem-Lem ...	1	1	—	—	—	1	—
Malted Food ...	1	1	—	—	—	1	—
Margarine ...	5	—	—	5	—	5	—
Mustard ...	1	1	—	—	—	1	—
Meat Paste ...	1	—	—	1	—	1	—
Malyita Tonic ...	1	1	—	—	—	1	—
Nerve Tonic ...	1	1	—	—	—	1	—
Oil of Eucalyptus ...	1	1	—	—	—	1	—
Oats ...	1	—	—	1	—	1	—
Piccallili ...	1	1	—	—	—	1	—
Pearl Barley ...	1	1	—	—	—	1	—
Potted Meat ...	2	—	1	1	—	1	1
Pea Nut Butter ...	1	1	—	—	—	1	—
Pork Pies ...	1	1	—	—	—	1	—
Sandwich Paste ...	1	1	—	—	—	1	—
Sausages ...	4	—	—	4	—	4	—
Sauce ...	3	3	—	—	—	3	—
Soda Mints ...	1	1	—	—	—	1	—
Seven Oils ...	1	1	—	—	—	1	—
Sulphur & Yeast Tab.	1	1	—	—	—	1	—
Saccharine Tablets ...	1	1	—	—	—	1	—
Salmon & Shrimp Paste ...	1	1	—	—	—	1	—
Sugar ...	1	—	—	1	—	1	—
Semolina ...	2	1	—	1	—	2	—
Sponge Puddings ...	2	2	—	—	—	2	—
Steak & Kidney Pies	2	—	1	—	1	—	2
Soup Powders ...	2	2	—	—	—	2	—
Soyacream ...	2	—	1	—	1	—	2
Tonic Syrup ...	2	—	1	—	1	—	2
Tooth & Nerve Powder	2	2	—	—	—	2	—
Torox Cubes ...	1	1	—	—	—	1	—
Vitagrains ...	1	1	—	—	—	1	—
Vinegar ...	5	—	—	5	—	5	—
Whisky ...	1	—	—	1	—	1	—
Wyamin Capsules ...	1	1	—	—	—	1	—
Yorks. Pudding Mix.	1	1	—	—	—	1	—
Yeast Tablets ...	2	2	—	—	—	2	—
Totals—							
Milk ...	124	3	—	112	9	115	9
Other Food & Drugs	153	100	12	32	9	132	21
	277	103	12	144	18	247	30

Particulars of Adulteration.

No. of Sample	Article	Adulteration or Offence	Remarks
2897	Milk	84.7% min. Amount fat	Warning letter
2899	Milk	9.1% added water	Prosecution
2904	Linseed Compound	Less than 0.1% linseed Oil	Warning letter
2922		do.	
2943	Ferute Syrup	Only 10.6% added sugar	do.
2978	Glycerine, Ipecac & Lemon Balsam	Only 2.5% Glycerine	do.
2987			
2984	Steak & Kidney Pies	Consisting chiefly of crust & a small interior content of bread or possibly potatoe	Prosecution
2986			
2991	Vitamin Tonic Syrup	Only 1/12 declared amount of	Prosecution
3011		Halibut Liver Oil	
2996	Milk	96% min. amount fat	Warning Letter
3012	Gin	5.48% added water	Prosecution
3028	Glycerine & Thymol	Only 1.3% glycerine	Warning letter
3038			
3030	Glycerine & Honey	Only 18% glycerine	Warning letter
3035	Potted Meats	Should be sold as potted meat paste	
3051	Malted Soyacream	Label declares carbohydrates starch free—found 40% carbohydrates consist of starch	do.
3061			
3095	All Fours Chest & Lung Mixture	Dec. presence of 20% treacle,	do.
3103		no treacle found	
3106	do.	Only 5% sugar—should contain 60%	do.
3108			
3123	Milk	92.7% min. amount fat	Prosecution
3128	do.	8% added water	
3147	All Fours Mixture	3.56% sugar—label declares 12—13%	Warning letter
3153	Milk	79% min. amount fat	do.
3156	do.	78% min. amount fat	Prosecution
3166	do.	6% added water	do.
3172	do.	92.7% min. amount fat	Warning letter

Result of Prosecutions.

Samples	Result
2899 ...	Fined £10 and costs.
2984 } ...	Fined £10 and £14 9s. 5d. costs.
2986 }	
2991 } ...	Fined £10 and £8 18s. 6d. costs.
3011 }	
3012 ...	Fined £5 and £3 13s. 0d. costs.
3128 ...	Fined £3 and £3 13s. 0d. costs.
3156 ...	Case dismissed on payment of £3 17s. 6d. costs.
3166 ...	Fined £5 and £2 16s. 6d. costs.

Sale of Milk Regulations.

The minimum standard required for milk is laid down in the Sale of Milk Regulations, 1939, made under the Food and Drugs Act, 1938. Milk should contain not less than 3.0% butter fat

and 8.5% solids not fat. Milk samples taken under the Food and Drugs Act during the year yield the following results :—

Month	Number of samples taken	Average Results		Number adulterated
		Fat	Solids not fat	
January	23	3.74	8.71	2
February	14	3.76	8.74	—
March	5	3.72	8.74	—
April	11	3.64	8.55	1
May	8	3.86	8.86	—
June	6	3.62	8.73	—
July	5	3.57	8.55	—
August	12	3.63	8.53	—
September	7	3.85	8.67	—
October	10	3.64	8.47	2
November	8	3.16	8.63	2
December	13	3.42	8.57	2
Total... ..	122	3.63	8.64	9

Percentage adulterated—7.38%

In conclusion, I should like to tender to the Chairman and Members of the Health and Housing Committees my thanks for the help and consideration given to me during the year, and to the Medical Officer of Health my deep appreciation for the help and support he has extended to me in the course of my duties.

I desire also to record my appreciation of the loyal and valuable services rendered by the District Inspectors, clerical staff and workmen of the Department.

I am,

Your obedient servant,

H. HAWORTH, M.S.I.A.,

Chief Sanitary Inspector.

